



Site 6

Former Fire Training School

Former Naval Station Treasure Island

BCT Meeting Update

September 16, 2015

Bryce Bartelma
Navy BRAC RPM

Fire Fighter Training



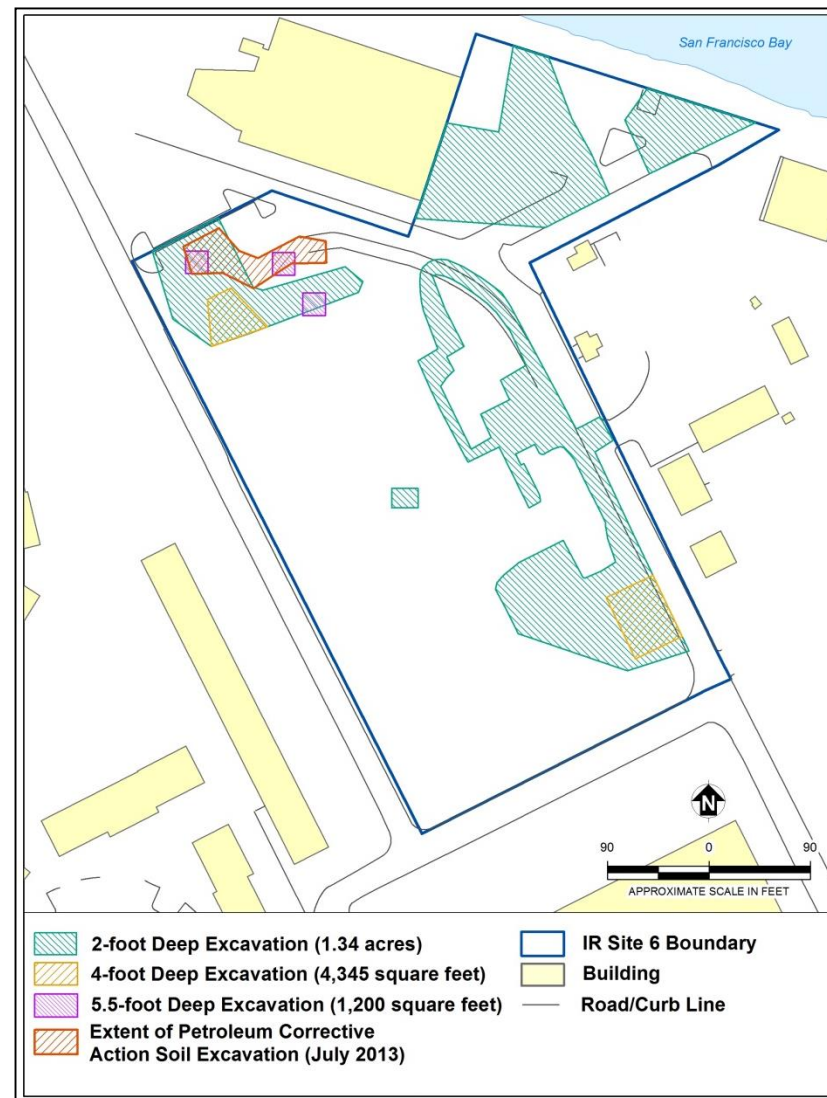
Firefighter Training – Extinguishing fuel oil fire, Treasure Island Damage Control School, 1945

Site 6 Record of Decision



Soil Remedy

- Excavation and off-site disposal of soil in certain areas at depths up to 5.5 feet below ground surface
- Land Use Restrictions / Institutional Controls (ICs)



Site 6 Record of Decision (Continued)

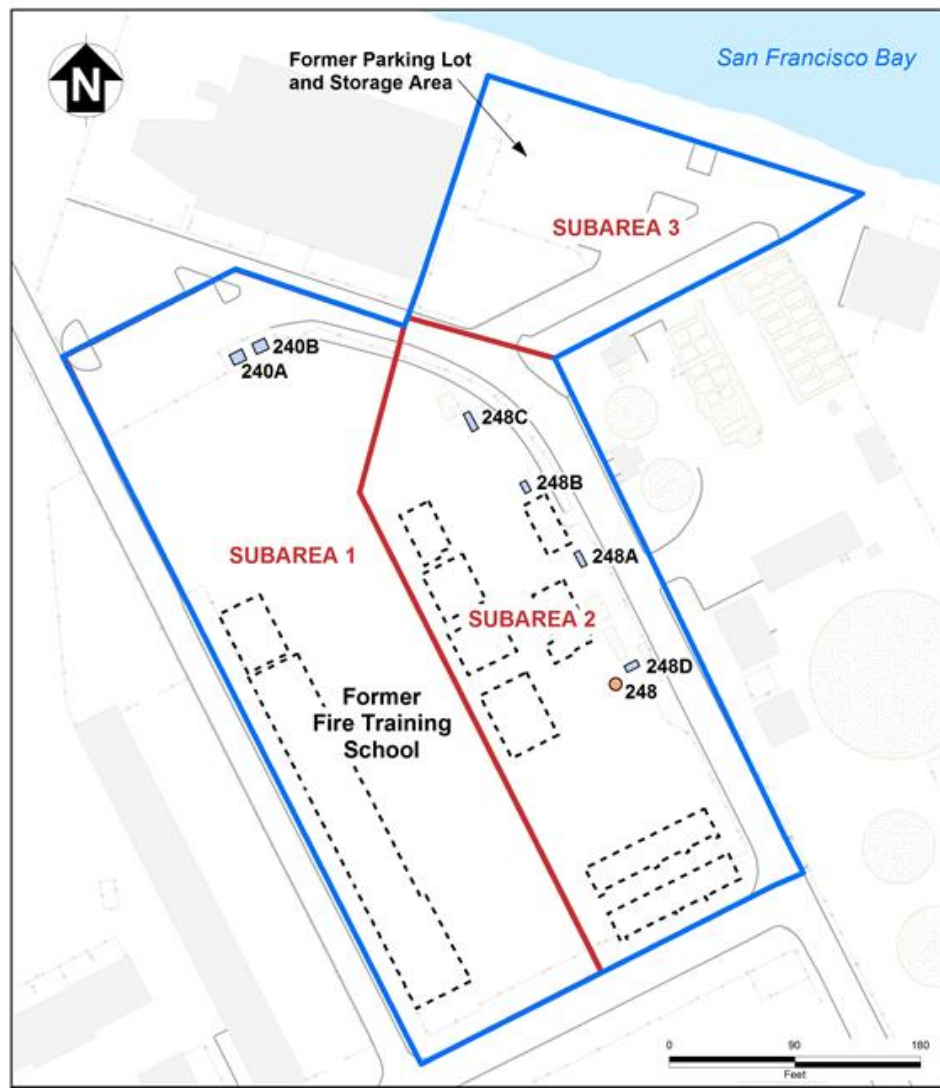


Groundwater Remedy

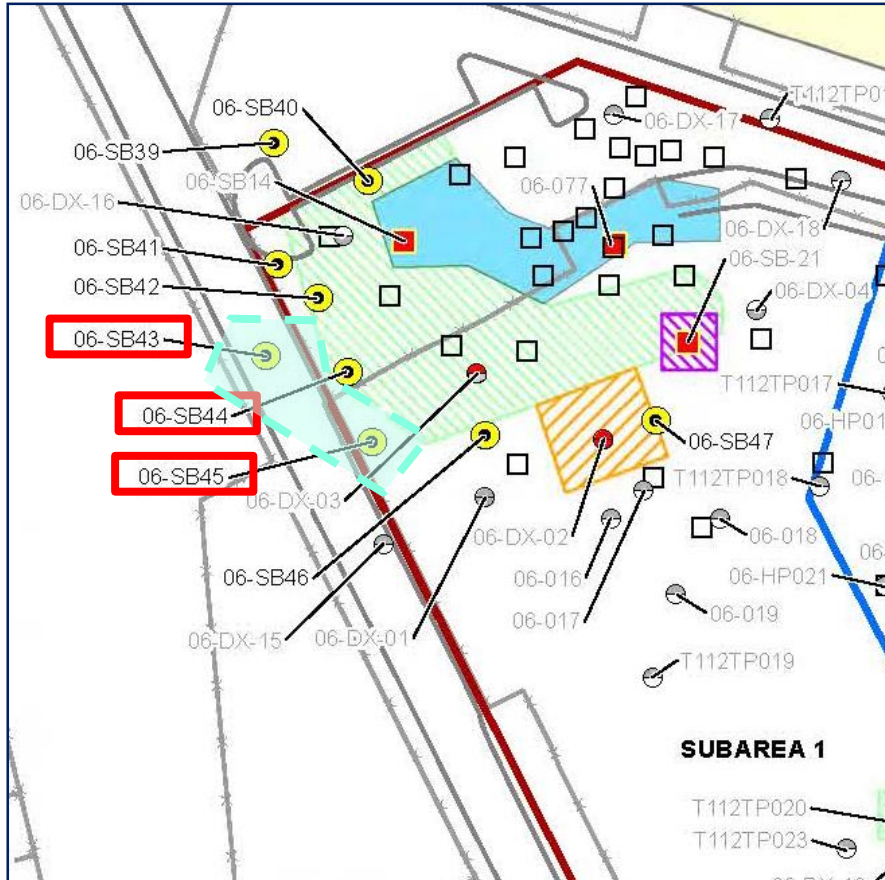
- Groundwater Monitoring Subareas 1 and 2
- Land Use Restrictions / ICs

Soil Gas Remedy

- Confirmation sampling to confirm soil gas is below screening levels in Subarea 2
- Requirement that construction of enclosed structures at Subarea 1 include vapor mitigation measures or the completion of a vapor intrusion evaluation



Site 6 Pre-Design Soil Sampling – Subarea 1



Purpose

- Refine Northwestern Limits
- Deep Excavation Changed due to RI/FS Figure Location Errors

Results

- Elevated Dioxins Detected in 3 Sample Locations out of 9
 - Dioxin RG is 12 ng/kg
- Excavation will Expand to the West

Site 6 Pre-Design Soil Sampling – Subarea 2

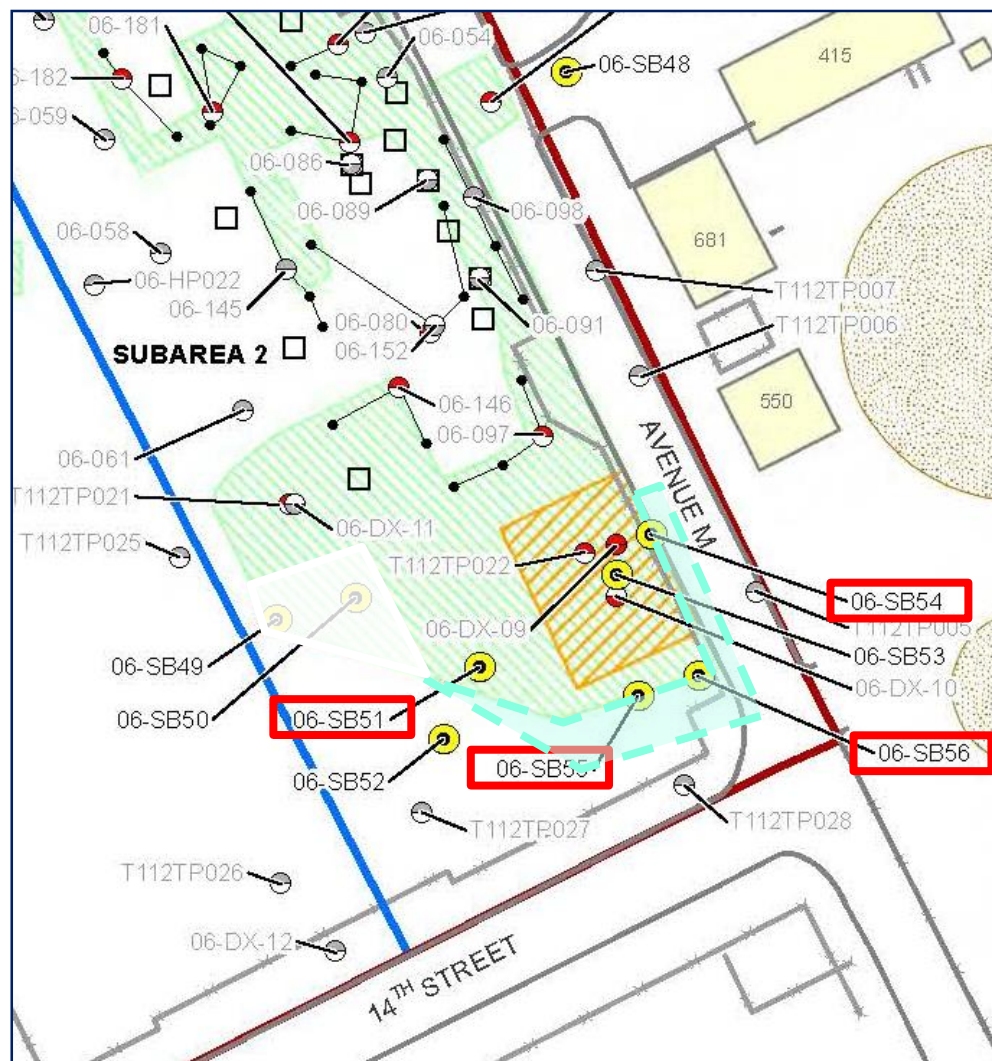


Purpose

- Refine Eastern and Southern Limits
- Vertical Delineation in Deeper Excavation Area

Results

- Elevated Dioxins Detected in 4 Sample Locations out of 8
- Excavation Reduction near 06-SB49 and 06-SB50
- Expand Southeastern Limits
- Vertical Delineation



Site 6 Pre-Design Soil Sampling – Subarea 3

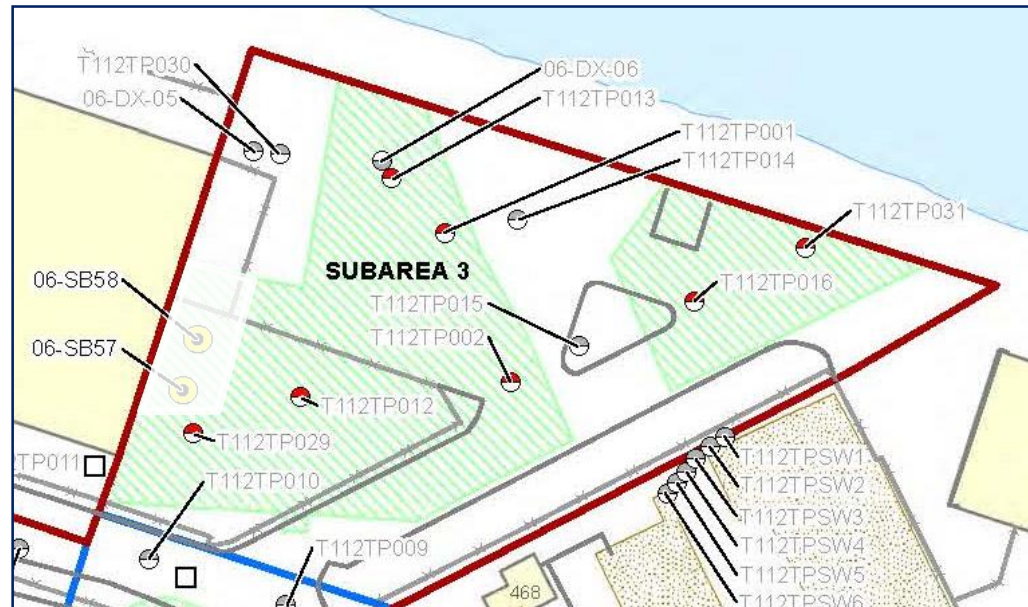


Purpose

- Shallow soil samples in hopes of reducing excavation near structures

Results

- No Elevated Dioxin Detections – Slight Excavation Reduction
- Structure (Transformer) Removed During Radiological Screening



Site 6 Pre-Design Soil Gas Sampling – Subarea 2

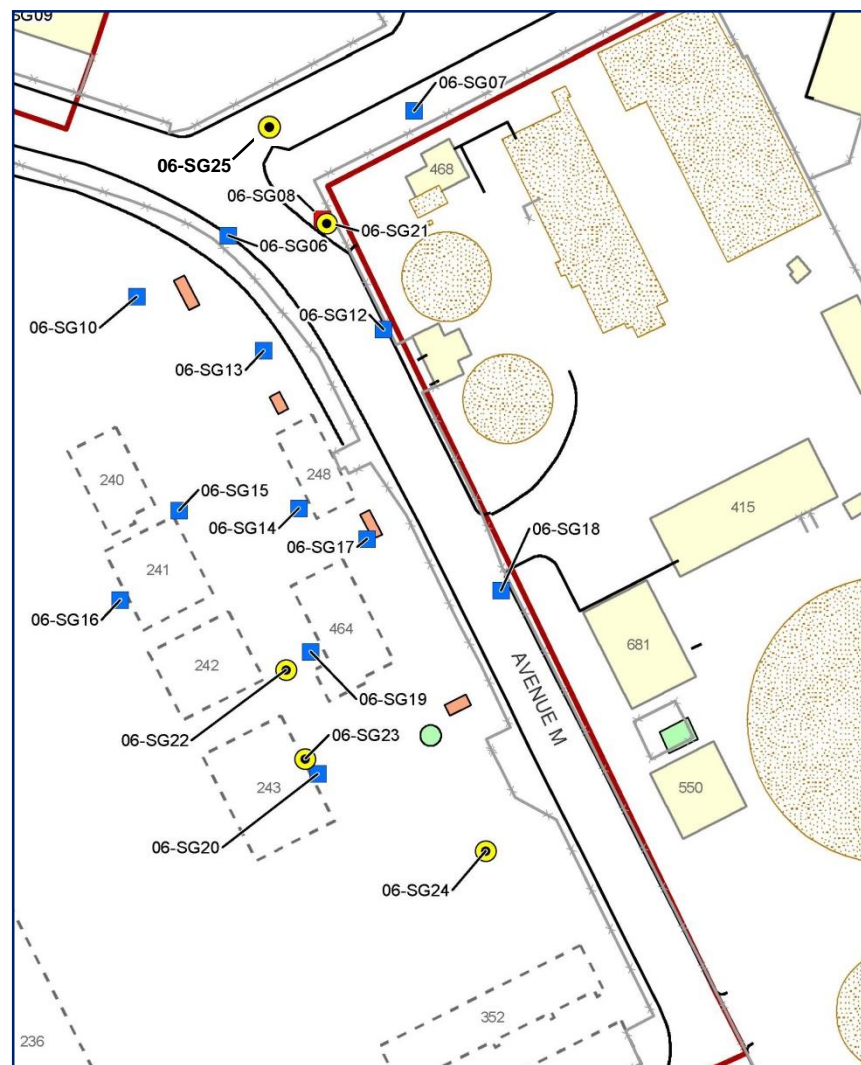


Purpose

- Soil Gas Sampling for Naphthalene
- Historical Location 06-SG08
 - Detection of 34 J $\mu\text{g}/\text{m}^3$
 - Screening Level is 31.9 $\mu\text{g}/\text{m}^3$

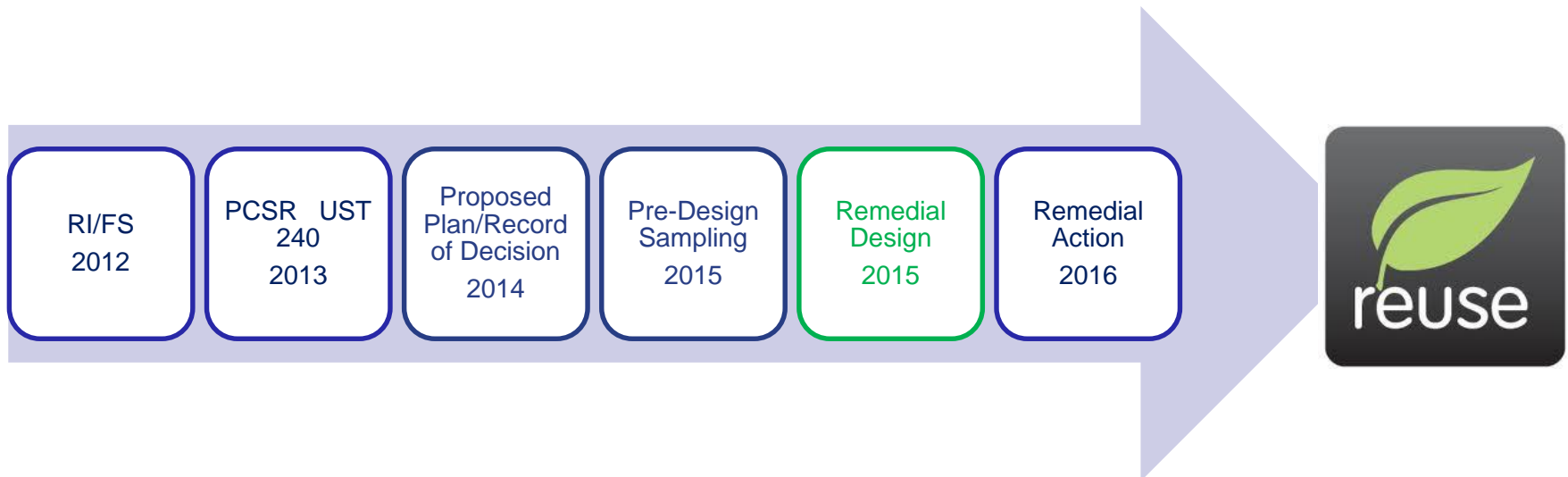
Results

- No Detections of Naphthalene
- Lab Sample Analysis Error in 06-SG22 and 06-SG25
 - To Be Resampled During Remedial Action Activities



CERCLA Process

- Draft Remedial Design / Remedial Action Work Plan – November 2015



Questions?

